September 30, 2018 KaroEcho ½ SET (Simulated Emergency Test) -- Tassajara Park Clubhouse (Barrett and Tassajara) – Hams will meet at 9:30 AM at Tassajara for deployment. The SET will be over at 12 noon.

This will be our first Field Simulated Emergency Test (SET) since 2015; which is long overdue. The scenario is the Great Kensington Earthquake). Real time problems will come up during these Simulated Emergency Tests (SETs); which allows us to remedy them before a disaster occurs. Mere theoretical speculation is subject to prejudice, fancy, and lack of experience. We will attempt to dispel that folly.

Our SET will be designed to stress test seven main, but inter-related areas:

Our ability to communicate across Kensington and El Cerrito via 2m simplex using a variety of methods such as HTs, portable external antennas, stations, mobiles, and base stations.
Our ability to utilize emergency power systems for sustained durations.
Our ability to efficiently activate and be dispatched to designated sites.
Our efficiency to change frequencies and act as a relay station between two stations.
How to efficiently operate in a directed net utilizing “best use” operating procedures
Efficient (accurate and speedy) message handling ability
The identification of RF dead spots and our ability to act as relays

We do not need all CERT Areas and AREA Coordinators to participate in our SET (but a city wide SET would be nice in the future including the EOC). If a CERT Area desires to participate in future SETs, we will do communications for those CERT Areas who are ready and willing.

The primary purpose of this **KaroEcho SET** is to train radio communicators; while identifying areas that need additional attention.

We will set up a message center at Tassajara Park utilizing transfer of messages from FRS/GMRS blocks to Ham Radio to be sent to the EOC. Also Inter-Area CERT radio propagation will be tested. We will send an operator to the Emergency Operating Center (EOC) or Fire Station 71 and operate from the street. We will dispatch KaroEcho members to man the various Kensington and El Cerrito CERT Staging Areas to test propagation, message handling skills, and net operation. Our net frequency will be 146.415. It will double as both a Resource Net and a Tactical Net as long as traffic is light.

EC9 ICP will use the 50 watt Kenwood and Diamond dual-band antenna mounted on the roof.

EC9 will use FRS/GMRS primary Ch7 (462.7125 MHz) Secondary Ch. 1 (462.5625 MHz) running a directed net with a NCS who will be using a 5w GMRS radio and an external antenna.

Assignments: Will be deployed on Sunday AM Sept. 30 at 9:30 AM unless prearranged.
1. El Cerrito Area 1: Arlington Park- Tactical **EC1**
2. El Cerrito Area 2: Madera Clubhouse, 1500 Devonshire Drive --Tactical **EC2**
3. El Cerrito Area 3: Huber Park, 8045 Terrace Drive -- Tactical **EC3**
   Also El Cerrito Area 4: Huber Park -- Tactical **EC4**
4. El Cerrito Area 5: Back side of Harding School at Tennis Courts -Tactical EC5
5. El Cerrito Area 6: 7-Eleven Store, 7022 Stockton Avenue --Tactical **EC6 KJ6WSS KK6ZPM**
6. El Cerrito Area 7: Castro Park Clubhouse (Norvell @ Gladys) --Tactical **EC7 KK6SRD**
   [El Cerrito Area 8: Staging Area Undetermined at this Time]

7. El Cerrito Area 9: Tassajara Park Playground --Tactical **EC9 KM6HBO**
8. El Cerrito Area 10: Fairmount Park --Tactical EC10 **EC6 KJ6WSS KK6ZPM**
   El Cerrito Area 11: Fairmount Park --Tactical EC11 **EC6 KJ6WSS KK6ZPM**
9. Kensington Area 1: Old School Trail, Grizzly Peak & Kenyon Avenue – **K1 KI6GIO**
10. Kensington Area 2: 251 Stanford Ave – **K2 KI6GIO**
11. Kensington Area 3: Corner of Westminster & Kenyon – **K3 KC6OBK**
    [Kensington Area 4: Staging Area Undetermined at this Time]
12. Kensington Area 5: Corner of Franciscan & Sunset Dr. – ~~K5 KC2OKI~~
13. Kensington Area 6: Colusa Circle & Berkeley Park – ~~K6 KC2OKI~~
14. Mobile/portable to FS 71—**EOC KJ6DJ** Schmidt Ln and San Pablo
15. **Message Center Manager EC9 KM6UCF**
16. 146.415 Net Control Station **NCS** (Base Station High Power & Good Location) **KE6BEE**
17. 146.415 Simplex **Relay** (Base Station High Power & Good Location) **K6KOP**

Non-ham jobs
GMRS/FRS NCS Net Control Rob **WQTP332 K6RJM** Tactical **Net Control**
GMRS/FRS Operator __________________ ICP EC9
1 Runner ________________ assigned to EC9 Message Center (provided by CERT Volunteer Coordinator)
ICS-309 Log Keepers (2 scribes provided by CERT Volunteer Coordinator)

Ham Volunteer List as of September 14
Rob WQTP332 K6RJM EC9 (Tassajara Park) WQTP332 **FRS/GMRS Net Control Ch. 7**
Hal KK6NDF (Tassajara Park) ____________
Mike WQGU363 KM6CXI (Tassajara Park) ___________
Marlene KM6UBZ (Tassajara Park) ________
Kevin KI6KNP (Tassajara Park)
Natalie, KM6UCF **EC9 Message Center Manager**
Howdy WRCF482 KE6BEE 146.415 **NCS**
~~Armando KE6HCE **EC1 – EC2**~~
Ken KK6SRD **Castro Park EC7**
Jamuel WQYN969 KM6HBO operator **EC9 ICP**
Larry WRCD625 KI6GIO **K1 K2**
Don NI6A (Unassigned) _________________
Karen KK6ZPM **EC10 - EC11 - EC6**
Jay WRAP287 KJ6WSS **EC10 - EC11- EC6**
Marian KC6OBK **K3**
Jerry K6KOP (**Base Station/Relay**)
DJ KJ6DJ **EOC**
~~John, KC2OKI **K5 K6**~~
Mike, KJ6BHX Unassigned) ?
Frank, K6FAC (Unassigned) ?
David, KJ6AAT Unassigned)
Diane, KK6RED Unassigned)

Note that tasks can be combined if traffic is light; i.e., the GMRS/FRS operator can double up operating the ham station, acting as log keeper, NCS, and message center manager all at the same time when traffic is slow. However, it is best to train skilled operators now for each separate task in preparedness for a major disaster when traffic is busy.

The message center manager at EC9 will sort and prioritize what messages go where and when. CERT will provide a log keeper/scribe who will use ICS 309 format for both the GMRS and Ham Net on separate sheets. A runner will also interface between the EC9 message center and the other CERT teams.

This should be a good learning experience for all participants.

Checklist:
Minimum equipment that is needed is a $30 HT fully charged, a ham license, 1 spare battery fully charged (2 or more are preferred), an adapter for your radio to connect to a UHF (PL259) coax connector, paper, pencil, eraser, clipboard, HYPERLINK "https://drive.google.com/file/d/1byZGik38BKFvRwu0zrIFqbVV8jOfIZ6y/view" \h modified ICS-213 message forms (with header), and a mobile roof or window mounted antenna. A portable hi-gain antenna (better than a rubber duck antenna) is a big plus, of course.

If you have a CERT hard hat, vest, CERT ID, and/or CERT equipment please bring (not required for radio ops).

This page will be periodically updated.
HYPERLINK "https://docs.google.com/document/d/1zI7dULk7d3aiMJVVK7Ds2mVA9Dd4pmfXxPdUTJPHFqE/edit?usp=sharing" \h https://docs.google.com/document/d/1zI7dULk7d3aiMJVVK7Ds2mVA9Dd4pmfXxPdUTJPHFqE/edit?usp=sharing

Notes from KJ6DJ (operating as EOC from El Cerrito DMV): -- some edits below based on further discussions

PLEASE PROGRAM YOUR RADIOS FOR SIMPLEX OPERATION ON 147.450Mhz AND 446.50Mhz. NET CONTROL WILL REDIRECT TO ONE OF THESE FREQUENCIES FOR REPORTING.

PLEASE TRANSMIT TRAFFIC IN 5 WORD GROUPS. BE BRIEF. SPELL UNFAMILIAR WORDS PHONETICALLY.

BEGIN ALL SIMULATED DISASTER TRAFFIC TRANSMISSIONS WITH “THIS IS A DRILL”.

BE PATIENT. IF THERE IS HEAVY TRAFFIC IT WILL TAKE TIME TO TRANSCRIBE MESSAGES.

ASK FOR FILLS OR CONFIRMATION OF PORTIONS OF MESSAGE THAT WERE NOT CLEARLY RECEIVED. USE WORD COUNT AS A FIDELITY CHECK.

END ALL SERIES OF TRANSMISSIONS WITH CALL SIGN AND “THIS IS A DRILL”.